

Introduction: Humanistic studies applied to the health-illness clinic go beyond explaining cause-effect relationships among disease phenomena, treatments, and preventions. Qualitative research aims to understand symbolic relationships built in life experiences among the manifestations and the people. How to act in front of a person whose physical appearance and odour can be unpleasant, such as in the HNC - Head Neck Cancer? Or whose life history may have been marked by deviant behaviours and negligence in self-care?

Objectives: To interpret emotional meanings attributed through open interviews conducted with relatives about the domestic care of patients with HNC under clinical treatment.

Methods: Sample composed of family caregivers of patients with HNC, sent sequentially by colleagues from the clinical service who were informed of the research. The study used the Clinical-Qualitative Method (Turato. Portuguese Psychos. J, 2000 2(1): 93-108). Semi-Directed Interview with Open-ended Questions In-Depth and Field Notes was used for data collection. The employ of the Seven Steps of the Clinical-Qualitative Content Analysis (Faria-Schützer et al. Cien Saude Colet. 2021; 26(1): 265-274) has permitted the understanding of the topics. Sample closed with 12 persons according to the information saturation strategy (Fontanella et al. Cad Saude Publica. 2008; 24(1): 17-27), conducted by the first author, a female psychologist. To interpret the empirical material, we use Medical/Health Psychology, the psychodynamics of relationships of the Balintian framework, disease and illness while modes of un-health, psychic defence mechanisms against anguish. Validation by peers from the Lab of Clinical-Qualitative Research Laboratory, at the State University of Campinas.

Results: For this presentation, we listed three categories from the free-floating re-readings: (1) Certain need to recognize the care provided as a handling strategy with effort, putting in this 'validation' their relief regarding natural suffering of the care process; (2) Caregiver's psychological fantasies of omnipotence in the care process, frequently perceiving the reality a phenomenologically and necessarily distorted by the caregiver. (3) Moments of impotence feeling in front of the finitude reality that it knows will arrive.

Conclusions: The family caregivers can present certain emotional defences, such as subtle magical thinking, in which they distort the reality experienced as a management strategy and validation of their care. They act so to alleviate their psychological and existential suffering. Group meetings with family members to talk openly about the difficulties on the psychological management of patients with HNC, coordinated by a psychotherapist, are effective as a space for creativity in daily management at home and a space for catharsis.

Disclosure of Interest: None Declared

Others

EPP0539

Severe Hyperhidrosis Secondary to Bupropion Use and Treatment. A case report.

A. Oliva Lozano^{1*}, J. Garde Gonzalez¹, M. A. Morillas Romerosa¹ and P. Herrero Ortega¹

¹Psychiatry, Hospital La Paz, Madrid, Spain

*Corresponding author.

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Introduction: Hyperhidrosis, the excessive and uncontrollable sweating, is a well-documented side effect of various medications. Among these, bupropion, a commonly prescribed antidepressant and smoking cessation aid, has been associated with the development of severe hyperhidrosis in a subset of patients. This clinical report aims to shed light on a compelling case of severe hyperhidrosis induced by bupropion use and the subsequent treatment strategies employed.

The patient under discussion is a 42-year-old female with a history of recurrent major depressive disorder and a previous favorable response to selective serotonin reuptake inhibitors (SSRIs). Due to side effect concerns and a desire to quit smoking, she was transitioned to bupropion, a norepinephrine-dopamine reuptake inhibitor (NDRI), at a standard therapeutic dose of 150 mg daily.

Approximately four weeks after initiating bupropion therapy, the patient began experiencing debilitating symptoms of excessive sweating, particularly affecting her palms, soles, and axillae. The profuse sweating episodes occurred throughout the day and night, significantly impairing her quality of life, social interactions, and occupational functioning. No previous history of hyperhidrosis was reported, and physical examinations revealed no underlying medical conditions or dermatological issues.

Objectives: To acknowledge the importance of recognizing and addressing medication-induced side effects within the realm of psychiatry and an early implementation of patient-centered treatment.

Methods: Clinical case report and a brief literature review.

Results: The treatment of hyperhidrosis secondary to bupropion use presents a challenging clinical scenario that requires a delicate balance between managing the distressing side effect and ensuring the continued efficacy of psychiatric therapy. Given the rarity of severe hyperhidrosis as a side effect of bupropion, there is a limited body of evidence guiding treatment strategies. Gradual withdrawal in the dose of bupropion was initiated, with careful monitoring of depressive symptoms to prevent relapse, switching to Duloxetine 90mg daily, with adequate effectiveness. In this particular case, the combination of medication adjustment and psychological support led to a significant reduction in hyperhidrosis symptoms. The patient reported improved social interactions, enhanced self-esteem, and restored occupational functioning. Importantly, her depressive symptoms remained well-managed, underscoring the success of the treatment strategy.

Conclusions: This clinical report highlights the importance of a patient-centered approach when addressing rare medication-induced side effects within the field of psychiatry. Bupropion withdrawal and regular follow-up showed effective in the treatment of the symptoms. Future research may provide additional insights and treatment options for cases like this, further enhancing patient care and outcomes.

Disclosure of Interest: None Declared

EPP0540

Fecal Microbiota Transplantation in the treatment of mood disorders : A literature review

F. Askri^{1*}, K. Mahfoudh¹, K. Ben Younes², E. Herelli², U. Ouali¹ and A. Aissa¹

¹PSYCHIATRY A and ²PSYCHIATRY C, RAZI HOSPITAL, MANOUBA, Tunisia

*Corresponding author.

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Introduction: Many researchers have turned their attention to studying the relation between the gut microbiota to mood disorders. In fact, studies in the last 5 years have shown that the change in microbiota in animals can cause anxiety a depression –like behaviors.

In humans, considering the fact that there was a difference between in human gut microbiota between depressed persons and healthy controls, many clinicians suggest different treatment ways to compensate the microbiome imbalance such as Fecal microbiota transplantation (FMT).

FMT is an ancient tool that used to treat food poisoning and severe diarrhea. Recent studies have shown its efficacy in autism spectrum disorders but not enough studies have shown its contribution in treating mood disorders.

Objectives: The aim is to explore and understand the use of fecal microbiota transplantaion in the mood disorder treatment

Methods: We conducted a literature search for English articles on PubMed using the keywords : mood disorder, Fecal microbiota transplantation, treatment.

Results: 13 results were initially found on the pubmed database. we identified 4 eligible studies.

02 case studies reported that patients diagnosed with bipolar disorder type 2 improved after repetitive FMT treatment, 01 randomised controlled trial concluded good tolerability and feasibility of FMT in major depression disorder but was not designed to measure clinical outcomes. Finally, 01 study protocol is still conducting on the efficacy and safety of FMT n in a population with bipolar disorder during depressive episodes.

Conclusions: No results have shown the efficacy of FMT in treating mood disorders yet. However, it is considered well tolerated and safe. Further studies are needed to conclude its efficacy.

Disclosure of Interest: None Declared

EPP0542

A spark of genius and a flash of madness: Nikola Tesla and his struggles with mental illness

S. Jesus Magueta^{1*}, A. L. Costa¹, G. Simões¹, A. I. Gomes¹, C. Madaíl Grego¹ and P. Garrido¹

¹Departamento de Psiquiatria e Saúde Mental, Centro Hospitalar do Baixo Vouga, Aveiro, Portugal

*Corresponding author.

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Introduction: An example of the unification of the contrast between artistic creativity and discipline of science, Nikola Tesla engineer and physicist, was also a prolific inventor that contributed to the transformation of modern society. Having resurfaced in the mainstream culture as a mythical figure, he appears to be enjoying a renaissance of posthumous recognition and praise. Through accounts available directly from his autobiography and descriptions offered by those who worked with him, the existence of the inventor's *eccentricities* appear to reveal the existence of mental health disorder.

Objectives: The authors explore Tesla and the psychopathology that accompanied him throughout his periods of brilliance and as well as hardship.

Methods: The authors conducted a brief non-structured narrative literature review. The keywords used during the research, alone or in combination, included: Nikola Tesla, psychopathology and mental illness. The works consulted included: news articles, autobiographies and biographies. Of these, those that were written in the English language and deemed most pertinent to the explored theme were chosen for review in this work.

Results: The popular image of the *mad scientist*, which describes a brilliant but solitary and eccentric individual focused on their work is one that could be applied to Tesla. Documents reveal that he suffered a nervous breakdown, as well as having symptoms that point to a probably presence of obsessive-compulsive disorder, of which included counting and cleanliness rituals, exacerbated by chronic insomnia.

Conclusions: There appears to be anecdotal evidence pointing to an eventual relationship between creative genius and mental pathology. Although not formally evidenced through the scientific literature, exploring the life and accomplishments of Tesla serve as a significant example of a spark of genius perhaps ignited by mental illness. Tesla demonstrated suffering associated with his symptoms especially when considering the end of his life. At the time, adequate mental health interventions and treatments were not widely available, with his diagnosis probably being considered the quirks of genius and not the symptoms of disease.

Disclosure of Interest: None Declared

EPP0543

Health Outcomes and Health Services Utilization Evaluation Protocol: Assessing the Impact of the Nova Scotia Rapid Access and Stabilization Program

M. K. Adu^{1*}, R. D. L. Dias¹, G. Obuobi-Donkor¹, N. Ezeanozie¹, S. Sridharan¹, J. Morrison¹, P. Simon¹, B. Taylor², M. MacKinnon², S. Gossen¹, B. Agyapong³, L. Wozney¹ and V. I. Agyapong¹

¹Department of Psychiatry, Dalhousie University; ²Mental Health and Addictions Program, Nova Scotia Health, Halifax, NS and ³Department of Psychiatry, University of Alberta, Edmonton, AB, Canada

*Corresponding author.

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Introduction: Emergency psychiatric care, unplanned hospital admissions, and inpatient health care are the costliest forms of mental health care. According to Statistics Canada (2018), almost 18% (5.3 million) of Canadians reported needing mental health support. However, just above half of this figure (56.2%) have reported their needs were fully met. To further expand capacity and access to mental health care in the province, Nova Scotia Health has launched a novel mental health initiative, the Rapid Access, and Stabilization Program (RASP).

Objectives: This study evaluates the effectiveness and impact of the RASP on high-cost health services utilization (e.g. ED visits, mobile crisis visits, and inpatient treatments) and related costs. It also assesses healthcare partners' (e.g. healthcare providers, policy-makers, community leaders) perceptions and patient experiences and satisfaction with the program and identifies sociodemographic characteristics, psychological conditions, recovery, well-being, and risk measures in the assisted population.